

VIRGINIA:

BEFORE THE VIRGINIA GAS AND OIL BOARD

| | | |
|--------------------|---|----------------------|
| APPLICANT: | RANGE RESOURCES – PINE MOUNTAIN INC. |) VIRGINIA GAS |
| | |) AND OIL BOARD |
| | |) |
| | |) |
| RELIEF SOUGHT: | ESTABLISHMENT OF A PROVISIONAL DRILLING |) |
| | UNIT CONSISTING OF 320 ACRES DESCRIBED |) DOCKET NO. |
| | AND DEPICTED IN EXHIBIT A (herein "Subject Lands" |) VGOB 11/03/15-2917 |
| | PURSUANT TO VA CODE § 45.1-361.20; |) |
| | FOR THE DRILLING OF HORIZONTAL |) |
| | CONVENTIONAL GAS WELLS |) |
| | |) |
| | |) |
| LEGAL DESCRIPTION: | |) |
| | |) |
| | SUBJECT DRILLING UNIT SERVED BY |) |
| | WELL: Range 2917 |) |
| | TO BE DRILLED IN THE LOCATION |) |
| | DEPICTED ON "EXHIBIT A" HERETO, |) |
| | HURLEY QUADRANGLE |) |
| | KNOX MAGISTERIAL DISTRICT |) |
| | BUCHANAN COUNTY, VIRGINIA |) |

REPORT OF THE BOARD**FINDINGS AND ORDER**

1. **Hearing Date and Place:** This matter came before the Virginia Gas and Oil Board (hereafter "Board") for final hearing at 9:00 a.m. on March 15, 2011 at the Russell County Conference Center, Lebanon, Virginia.

2. **Appearances:** James E. Kaiser, of Wilhoit and Kaiser, appeared for the Applicant. Sharon M.B. Pigeon, Assistant Attorney General was present to advise the Board.

3. **Jurisdiction and Notice:** Pursuant to Va. Code § 45.1-361.1 et seq., the Board finds that it has jurisdiction over the subject matter. Based upon the evidence presented by Applicant, the Board also finds that the Applicant has (1) exercised due diligence in conducting a meaningful search of reasonably available sources to determine the identity and whereabouts of each gas and oil owner, coal owner, or mineral owner entitled by the VA. Code and Board Rules to Notice hereof; and (2) has represented to the Board that it has given notice to those parties (hereafter sometimes "person(s)" whether referring to individuals, corporations, partnerships, associations, companies, businesses, trusts, joint ventures or other legal entities) entitled by Va. Code § 45.1-361.19 to notice of the Application filed herein; Whereupon, the Board hereby finds that the notices given herein satisfy all statutory requirements, Board rule requirements and the minimum standards of due process.

4. **Relief Requested:** Applicant request the Board issue an order providing as follows:

An establishment of a provisional unit for the exploration, development and production of conventional natural gas from the pool defined as the top of the Mississippi-Devonian Age formations, including, but not limited to, the Weir, Big Lime, Berea, Devonian Shale, and all zones in communication therewith and all productive extensions thereof (hereinafter the "Pool"), underlying the area, as depicted in Exhibit "A" and described as follows:

Said boundaries are described using the State Plane Coordinate System as required by 4 VAC 25-160-50.5.c.

Beginning at approximate Virginia State Plane Coordinate (NAD 1927, South Zone): N: 3,694,819.70; E: 10,451,182.02, thence East to Virginia State Plane Coordinate (NAD 1927, South Zone): N 3,694,725.64; E 10,454,914.36; thence South to Virginia State Plane Coordinate (NAD 1927, South Zone): N 3,690,993.30; E 10,454,820.29; thence West to Virginia State Plane Coordinate (NAD 1927, South Zone): N 3,691,087.37; E 10,451,087.95; thence North to the point of beginning containing 320.00 acres.

Providing that operations under and in accordance with this order shall be regarded and considered as development, operation and production upon all lands included within the subject provisional drilling unit. Production from any wells drilled on operated, or produced from any part of the provisional drilling unit, no matter where located, shall for all purposes be regarded as production from each separately-owned tract within the subject provisional drilling unit. The portion of production produced from and attributed to the provisional drilling unit and any separately owned tract therein, shall be deemed for all purposes to have been actually produced from such provisional drilling unit and tract, and development, exploration or production operation with respect to any portion of the provisional drilling unit shall be deemed for all purposes to be the conduct of such operation for the production of gas from each separately owned tract in said unit.

5. **Relief Granted:** Granting of such other relief as is merited by the evidence and is just and equitable whether or not such relief has been specifically requested herein shall be and hereby is granted.

6. **Special Findings:** The Board finds:

- (1) To Establish a Provisional Drilling Unit pursuant to Va. Code § 45.1-361.20;
- (2) Allow multiple wells within the provisional drilling unit established hereby as depicted on Exhibit "A"
- (3) Approve that the dimensions of the unit be 3733' by 3733'
- (4) That the Unit be established with a 300' interior window with a 600' standoff from horizontal wellbores in adjacent units;
- (5) That the operator be allowed to drill surface locations (top-hole) outside of the unit so long as all production comes from within the interior window of the unit, and
- (6) That there be a minimum of 600' between any horizontal wellbore and any vertical well producing from that horizon and that
- (7) The Order provides for multiple wells for maximum drainage.

7. **Conclusion:** Therefore, the requested relief and all terms and provisions set forth above be and hereby are granted and IT IS SO ORDERED.

8. **Appeals:** Appeals of this Order are governed by the provisions of Va. Code Ann. § 45.1-361.9 which provides that any order or decision of the Board may be appealed to the appropriate circuit court.

9. **Effective Date:** This Order shall be effective as of the date of the Board's approval.

150000809

DONE AND EXECUTED this 21st day of April,
2015, by a majority of the Virginia Gas and Oil Board.

Bradley C. Lambert
Bradley Lambert, Chairman

DONE AND EXECUTED this 21st day of April,
2015, by a majority of the Virginia Gas and Oil Board.

Rick Cooper
Rick Cooper
Principal Executive to the Staff
Virginia Gas and Oil Board

STATE OF VIRGINIA
COUNTY OF RUSSELL:

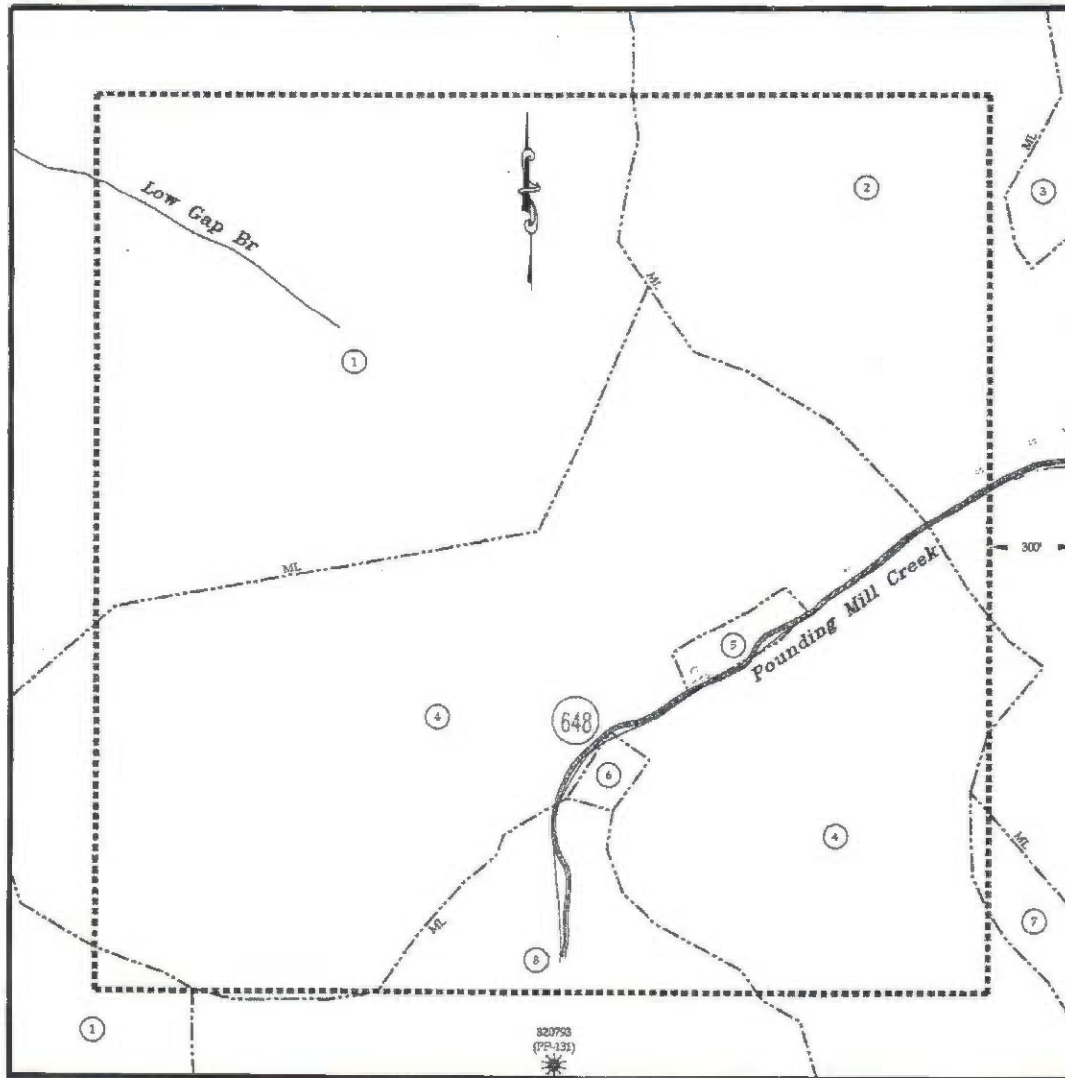
Acknowledged this 21st day of April, 2015,
personally before me a notary public in and for the Commonwealth of Virginia, appeared
Bradley Lambert, being duly sworn did depose and say that he is Chairman of the
Virginia Gas and Oil Board and Rick Cooper being duly sworn did depose and say that
he is Principal Executive to the Staff of the Virginia Gas and Oil Board, that they
executed same and were authorized to do so.

Sally Settle Ketron
Sally Settle Ketron

My Commission Expires January 31, 2019



150000809

N3694879.70
E10451182.02N3694725.64
E104545714.36N3691087.37
E10451087.95

Area of Unit ~ 320.00 Acres

N3690993.30
E10454520.22

RANGE RESOURCES

Owner Index
See Supplement

NOTES:

1. Property Lines Not Surveyed.
2. This Plat Shows The Proposed Well And Its Coordinates. Surface & Mineral Ownership Is Based On Information Provided By Chesapeake Appalachia, L.L.C. Or Its Contractors And Information On Record At The Buchanan County Courthouse. Information Subject To Change.
3. Well Will Be Drilled Within 10' Of Proposed Coordinates.

LEGEND

- ★ Proposed Well
- ML Mineral Line
- SL Surface Line
- ★ Existing Well

N.R.S. ASSOCIATES, P.C.
SURVEYORS - ENGINEERS
 BOUNDARY - CONSTRUCTION - ENERGY ENVIRONMENTAL - MINING
 430 Virginia Avenue, Richlands, VA 24641
 276-596-2646 (FAX: 276-596-8736)

EXHIBIT "A"

Company Range Resources - Pine Mountain, Inc. Well Name or Number _____
 Tract No. _____ Quadrangle Hurley
 District Knox

Well Coordinates (Virginia State Plane) _____

Elevation: _____ Method Used to Determine Elevation: Trig. Levels from GPS derived elevation.County Buchanan Scale: 1" = 400' Date 3-9-11This Plat is a new plat X; an updated plat _____; or a final location plat _____;

✚ Denotes the location of a well on United States topographic maps, scale 1 to 24,000,
 latitude and longitude lines being represented by border lines as shown.

Form DGO-GO-7
Rev. 1-98

DGO-7 Supplement
WELL UNIT PROPERTY OWNER INDEX

(1)

Lease No. 1047496
Buchanan Realty Corporation
2112.18 Acres
Buchanan Realty Corporation ~ Coal, Oil & Gas
103.14 Ac. ~ 32.23% of 320 Ac.

(2)

Lease No. 1045554
Buchanan Energy Company, LLC
Tract 6 (149.35 Acres)
Buchanan Energy Company, LLC ~ Coal, Oil & Gas
59.02 Ac. ~ 18.44% of 320 Ac.

(3)

Lease No. 1045554
Buchanan Energy Company, LLC
Tract 5 (22.70 Acres)
Buchanan Energy Company, LLC ~ Coal, Oil & Gas
2.60 Ac. ~ 0.81% of 320 Ac.

(4)

Lease No. 104554
Buchanan Energy Company, LLC
Tract 8 (135.05 Acres)
Buchanan Energy Company, LLC ~ Coal, Oil & Gas
124.67 Ac. ~ 38.96% of 320 Ac.

(5)

Unleased
Larry & Patricia Helton
1.70 Acres
Larry & Patricia & Larry Helton ~ Coal, Oil & Gas
1.59 Ac. ~ 0.50% of 320 Ac.

(6)

Lease No. 1222702
Clintwood Elkhorn Mining Company
(0.94 Acres)
Clintwood Elkhorn Mining Company ~ Coal, Oil & Gas
0.94 Ac. ~ 0.29% of 320 Ac.

150000809

(7)

Lease No. 459103-001 (CNX Gas Company Lease)

Wayne & Miranda J. Blankenship

426± Acres ~ Coal, Oil & Gas (1/3 Int.)

Lease No. 459102-001 (CNX Gas Company Lease)

Dennis & Sharon C. Blankenship

426± Acres ~ Coal, Oil & Gas (1/3 Int.)

Unleased

Big Sandy Land Foundation, et al

426± Acres ~ Coal, Oil & Gas (1/3 Int.)

2.96 Ac. ~ 0.93% of 320 Ac.

(8)

Lease No. 1045554

Buchanan Energy Company, LLC

Tract 37 (100.20 Acres)

Buchanan Energy Company, LLC ~ Coal, Oil & Gas

25.08 Ac. ~ 7.84% of 320 Ac.

150000809

Exhibit "B"
11/03/15-2917
Revised 3/16/2011

Buchanan Realty Company, LLC
c/o John Irvin
4710 Hunterwood Circle
Richmond, TX 77469

Buchanan Energy Co., LLC
Attn: Teresa Thompson, Land Agent
Alpha Natural Resources, LLC
P.O. Box 2345
Abingdon, VA 24212

Buchanan Energy Co., LLC
c/o Alpha Natural Resources, LLC
P.O. Box 858
Vinton, VA 24179

Buchanan Energy Co., LLC
c/o Mate Creek Engineering Office
Attention: Frank Pinter
P.O. Box 40
Whamcliffe, WV 25651

Clintwood Elkhorn Mining Company
Attention: Dale Dotson
P. O. Box 196
Hurley, VA 24260

Wellmore Coal Company, LLC
Attn: Andy Hrovatic
P.O. Box 458
Big Rock, VA 24603

CNX Gas Company
Attn: Jerry Boothe
2481 John Nash Blvd.
Bleufield, WV 24701

Big Sandy Land Foundation
P.O. Box 1179
Grundy, VA 24614

Fairview Limited Partnership
C/O John Irvin
4710 Hunterwood Circle
Richmond, TX 77406

Wayne & Miranda J. Blankenship
2315 Smith Branch Road
Grundy, VA 24614

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Exhibit "B"
11/03/15-2917
Revised 3/16/2011

Dennis & Sharon C. Blankenship
3000 Conaway Road
Big Rock, VA 24603

Carol Combs Irvin
4710 Hunterwood Circle
Richmond, TX 77406

Martha Ellen Combs
P.O. Box 1404
Abingdon, VA 24210

Fredrick Harmon Combs II
C/O Amy C. Combs
P.O. Box 841
Tazwell, VA 24651

Jerry T. Lester
P.O. Box 127
Hurley, VA 24620

Larry Helton
HC 60, Box 11
Hurley, VA 24620

INSTRUMENT #150000809
RECORDED IN THE CLERK'S OFFICE OF
BUCHANAN COUNTY ON
MAY 18, 2015 AT 04:00PM

BEVERLY S. TILLER, CLERK
RECORDED BY: GGB